



NGDC Declination

Date 2015-02-03

Latitude 40° N

Longitude 105.25° W

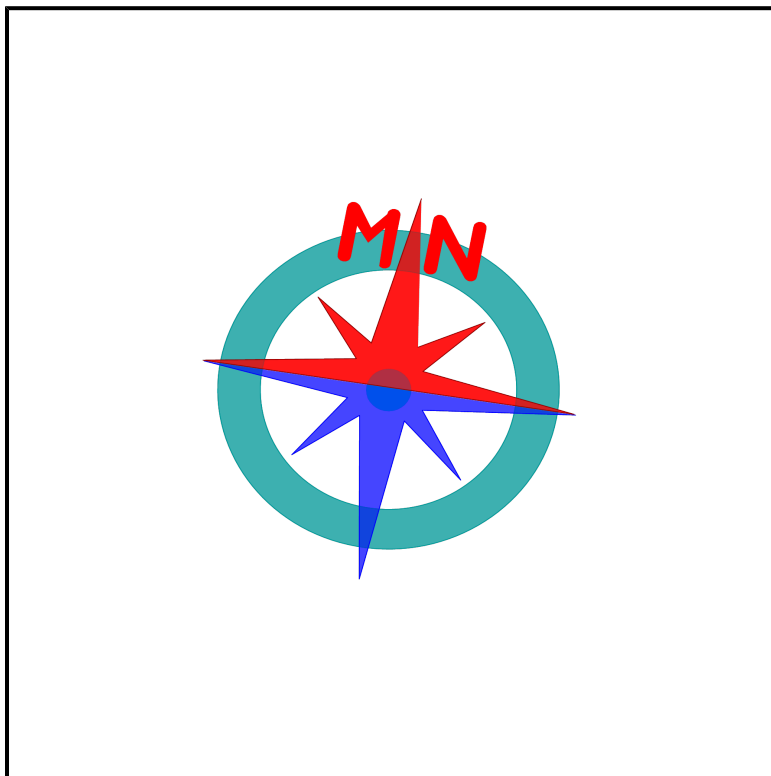
Elevation 0.0 km GPS

Model Used WMM2015

Declination 8.68° E changing by

0.10° W per year

Uncertainty 0.35°



Compass shows the approximate bearing of the magnetic north (MN)

Magnetic declination is the angle between true north and the horizontal trace of the local magnetic field. In general, the present day field models such as the IGRF and World Magnetic Model (WMM) are accurate to within 30 minutes of arc for the declination. However, local anomalies exceeding 10 degrees, although rare, do exist.

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Help: [How to interpret results](#) Questions: geomag.models@noaa.gov